

COLIFORM BACTERIA SAMPLE SITE PLAN		APPROVED by EPA on :
PWS NAME:	First Mesa Consolidated Villages	Entry Points:
PWS ID:	400106	EP001; EP002
DATE:	August 1, 2015	WELL CONTROL BUILDING
If system disinfects and is subject to DBPR rule, include field results for chlorine residual on each sample bottle!		
LIST OF TCR SAMPLING SITES		
SAMPLE	SAMPLE SITE ADDRESS	
W TCR S1	Hopi Health Care Staff Restroom	
C TCR S1	First Mesa Administration Lounge	
E TCR S1	Sharon Grover Residence	
U- TCR S1	First Mesa Upper village Pump House	
W TCR S2	Hopi Health Care Staff Restroom	
C TCR S2	First Mesa Administration Lounge	
E TCR S2	Circle M Kitchen sink	
U- TCR S2	First Mesa Upper village Pump House	
W TCR S3	Hopi Health Care Staff Restroom	
C TCR S3	First Mesa Administration Lounge	
E TCR S3	Sharon Grover Residence	
U- TCR S3	First Mesa Upper village Pump House	
TCR SAMPLING SITE ROTATION		
MONTH	SAMPLE	
January	W-TCR S1; C-TCR S1; E-TCR S1; U TCR S1	
February	W-TCR S2; C-TCR S2; E-TCR S2; U TCR S2	
March	W-TCR S3; C-TCR S3; E-TCR S3; U TCR S3	
April	W-TCR S1; C-TCR S1; E-TCR S1; U TCR S1	
May	W-TCR S2; C-TCR S2; E-TCR S2; U TCR S2	
June	W-TCR S3; C-TCR S3; E-TCR S3; U TCR S3	
July	W-TCR S1; C-TCR S1; E-TCR S1; U TCR S1	
August	W-TCR S2; C-TCR S2; E-TCR S2; U TCR S2	
September	W-TCR S3; C-TCR S3; E-TCR S3; U TCR S3	
October	W-TCR S1; C-TCR S1; E-TCR S1; U TCR S1	
November	W-TCR S2; C-TCR S2; E-TCR S2; U TCR S2	
December	W-TCR S3; C-TCR S3; E-TCR S3; U TCR S3	
Required Routine Samples per Month:	4	
Following a sample with total/fecal contamination:		
Collect 4 repeats samples within 24 hours.		
Collect 5 routine samples the next month.		
Repeat: Original Site, Upstream, Downstream, and Well		
5 Routine Sampling Sites: TCR S1, S2, S3, S4, and Any Other		
Attachments:		
1	Description of Sample Site Plan	
2	Map of system with sampling sites	

Disinfection By-Products Rule and Chemical Rules		APPROVED by EPA on :													
PWS NAME:		First Mesa Consolidated Villages													
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		Be sure to report field results for chlorine residual with each sample.													
		Entry Point samples must be taken after treatment and be representative of each source which feeds into that Entry Point.													

LEAD AND COPPER SAMPLE SITE PLAN		APPROVED by EPA on :	
PWS NAME:	First Mesa Consolidated Villages		
PWS ID:	400106		
DATE:	August 1, 2015		
LIST OF PbCu SAMPLING SITES			
	SAMPLE	SAMPLE SITE ADDRESS	
	PbCu 1	Sharon Grover Residence	
	PbCu 2	Angelina Joseph Residence	
	PbCu 3	Hopi Health Care Maintenance	
	PbCu 4	Meredith Outah Residence	
	PbCu 5	Zora Polingyumtewa Residence	
	PbCu 6	Bruce Augah Residence	
	PbCu 7	Walpi Office	
	PbCu 8	Walpi Housing Maintenance	
	PbCu 9	Circle M Store	
	PbCu 10	Vicky Yestewa Residence	
		<p>Samples are taken "first draw" from cold water taps (kitchen or bathroom sink preferred) that have been closed overnight or for at least 6 hours.</p> <p>Alternate PbCu sites should be identified and used only if access to original sites is not possible or original sites can no longer be used for some other reason.</p>	

First Mesa Consolidated Villages Sample Site Plan

Contaminant Group	Required Sampling Frequency (as per EPA)	Next Sample Date	Map Location (see legend for specific addresses)	Lab
Routine Total Coliform	4 Sample / Month	1st Monday of every month	Rotate through each location three times per year	1
			TCR S1 W, C, E, U	
			TCR S2 W, C, E, U	
			TCR S3 W, C, E, U	
			TCR S4 W, C, E, U	
Repeat Total Coliform	4 Samples taken within 24 hours of notice of a total coliform positive result. Sample at original site, upstream site, downstream site, and well source before treatment.	As required	Sample at site of original coliform positive and at corresponding upstream and downstream sites as well as the well source before treatment.	
			TCR X	
			TCR X-U	
			TCR X-D	
			Well Source	
Increased Total Coliform	5 Samples taken in the month following a routine positive sample. (Replaces routine Total Coliform sampling).	As required; on the 2nd Monday of the month following a routine Total Coliform positive sample	Use TCR S1, S2, S3, S4, and any other site	
Chlorine Residual	Sample taken with every TCR routine or repeat sample	As required	At each TCR sample location	opt.
Customer's Tap Lead & Copper	10 Samples every 3 yrs	June - Sept 30	PbCu 1-PbCu 5, or alternate	2
Water Quality Parameters (WQPs)	As required by EPA		EP001 & EP002	2
DBP Stage 1 (TTHMs & HAA5)	Circle M Store; Rose Namoki; Ponsi Hall Mens Restroom; Walpi Elderly Center	Between June 1 and September of each year	Stage 2 DBPR	2
Inorganic Chemicals (IOCs)	1 sample from each entry point every three years	Every 3 years (+ Quarterly Arsenic)	EP001& EP002	2
Volatile Organic Chemicals (VOCs)	1 sample from each entry point every three years	Every 3 years	EP001 & EP002	2
Synthetic Organic Chemicals (SOCs)	1 sample from each entry point every three years	Every 3 years	EP001 & EP002	2
Asbestos	1 Sample every nine years	Every 9 years	Administration Building	2
Radionuclides	Alpha every 6 yrs, all other every 9 yrs	October of year due	EP001 & EP002	2
Shading indicates contaminant group for which a site sampling plan is required.				

Laboratory Codes:

1. NTUA
2. Mohave Environmental Laboratory

RECEIVED JUL 18 2015

COPY

Mohave Environmental Lab

2580 Landon Drive, Suite A
Bullhead City, AZ 86429
928-754-8101 Bullhead City
928-524-4635 Holbrook

Invoice To:

First Mesa Consolidated Village
PO Box 260
Polacca, AZ 86042

Invoice Date 9/18/2013

Invoice# 64040

Due Upon Receipt

P.O.#

QTY	DESCRIPTION	RATE	AMOUNT
	August, 2013		
2	Arsenic	25.00	50.00
2	Metals prep	15.00	30.00
Total Invoice Amount			\$80.00
Balance Due			\$80.00

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Invoice 50
COPY

Mohave Environmental Lab

2580 Landon Drive, Suite A
 Bullhead City, AZ 86429
 928-754-8101 Bullhead City
 928-524-4635 Holbrook

Invoice To:

First Mesa Consolidated Village
PO Box 260
Polacca, AZ 86042

Invoice Date 9/13/2014

Invoice# 68357

Due Upon Receipt

P.O.#	
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QTY	DESCRIPTION	RATE	AMOUNT
	August 2014		
4	Trihalomethanes	100.00	400.00
4	Haloacetic Acids	210.00	840.00
		Total Invoice Amount	\$1,240.00
		Balance Due	\$1,240.00

Mohave Environmental Lab

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RECEIVED JUL 13 2015
COPY

Invoice To:

First Mesa Consolidated Village
PO Box 260
Polacca, AZ 86042

Invoice Date 10/3/2014

Invoice# 68583

Due Upon Receipt

P.O.#

QTY	DESCRIPTION	RATE	AMOUNT
	September, 2014		
10	Lead & Copper	45.00	450.00
2	Metals prep	15.00	30.00
Total Invoice Amount			\$480.00
Balance Due			\$480.00



Customer Name: First Mesa Consolidated Villag
Lab ID: 35520
Sample Type: Drinking Water
Sampled By: Elmer Nahkaloyah

Date Received: 08/21/13 8:00
Date Reported: 07/16/15

Analytical Results

Parameter	Method	Result	Units	Detect Limit	Date	Analyst
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35520-01

Sample Date: 08/14/13 9:20

East EP 002

Metals

Arsenic, Total	EPA 200.9	0.017	mg/L	0.003	8/27/2013	CM
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35520-02

Sample Date: 08/14/13 9:30

West EP 001

Metals

Arsenic, Total	EPA 200.9	0.0090	mg/L	0.003	8/27/2013	CM
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Samples received in laboratory @ 2.1 ° C on ice.

Sheila Poff

Authorized Signature